



**CONTRIBUTIONS OF ISO 14001 STANDARD SYSTEM
FOR IMPROVEMENTS IN GREEN SUPPLY CHAIN
MANAGEMENT:
CASE STUDY OF A BISCUITS MANUFACTURING
COMPANY**

BY

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The Dissertation was submitted to the Department of Management of Technology of the University of Moratuwa in Partial Fulfillment of the Requirement for the Degree of Master of Business Administration.

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2009

94829



Abstract

Environment has started implying mankind that it has been badly treated and disregarded by him. People have understood the threat, taking many Green initiatives to solve the situation. Green Supply Chain Management (GSCM) and introduction of ISO 14001 EMS standards are two such patronage movements.

A case study research conducted in a local biscuits manufacturing company which is having already implemented ISO 14001: 2004 certified EMS and Supply Chain activities as the manufacturing link of Biscuits Supply Chain, was applied to seek out the interrelations between GSCM and ISO 14001: 2004.

Three research objectives have been identified which facilitate the research to be narrowed down for its ultimate objective of finding interrelations between two concepts. Through these research objectives, applicability of GSCM concepts in the conventional Supply Chain organization and presently implemented ISO 14001: 2004 EMS in the organization have been thoroughly studied. Finally, such findings have been gathered for identification of present contributory factors and possible improvements from ISO 14001: 2004 to GSCM.

The information and data that collected through process mapping, interviews, audits and company literature were directed for findings and recommendations. In the findings, it is found that ISO 14001: 2004 is supporting for the improvements in GSCM for its all five activity areas (Green Design, Green Sourcing, Green Manufacturing, Green Transportation, Reverse Logistics) that were based in the analysis.